

VIRGINIA DEQ ENVIRONMENTAL EXCELLENCE PROGRAM**VEEP ANNUAL REPORT: EMS/POLLUTION PREVENTION PLAN RESULTS & UPDATE**

Reports are due by April 1 for the **previous calendar year**.

See [instructions](#) for more information

GENERAL INFORMATION

FACILITY NAME: Sample Report: High Tech Manufacturing Center

PRIOR FACILITY NAME:

MEMBERSHIP LEVEL: E3

FACILITY CONTACT

Name: Jane Doe
Phone: 540-555-5555
Email: j.doe@hightechcorp.com

FACILITY PERMIT NUMBERS

Hazardous Waste: VAR0759886298
Solid Waste:
Water: VA8566427
Air: 70566
Ground Water Withdrawal:
Wetlands (VWP):
Toxics Release Inventory: 23327SRNES19554
Facility Registration System (FRS):
Other (local environmental, etc.):
FIFRA:

ENVIRONMENTAL IMPACT REPORTING

CATEGORY: Air Emissions
INDICATOR: Greenhouse Gases (GHGs)
Additional Information on Indicator: Our facility is pursuing multiple strategies to reduce GHG emissions. We implemented energy efficiency measures including capturing waste heat to use during our production processes and upgrading insulation on all major heating and cooling pipes. We replaced some production line equipment with newer models that use less energy. We are also working on replacing all refrigeration units that use Perfluorocarbons (PFCs) with units that do not use this GHG.

Normalizing Basis: Units of products produced

Normalizing Basis Notes:

We experienced a decrease in production in 2005, but an increase back to 2004 levels in 2006.

	Baseline	Year 1	Year 2	Year 3
Year	2004	2005	2006	
Actual Quantity	21,350	19,257	18,982	
Normalizing Ratio	1	.93	1	
Normalized Quantity	21350	20706.452	18982	

Units:

tons

Cost Savings:

\$ 5,600

Additional Cost Savings Information:

Cost savings of \$5,600 are for 2006 only, and reflect energy savings minus cost spent on energy and refrigeration upgrades.

CATEGORY:

Waste

INDICATOR:

Non-hazardous Waste Recycled

Additional Information on Indicator:

Quantities are for all recycled wastes, including manufacturing wastes (plastics, papers, aluminum) as well as non-manufacturing wastes (aluminum cans, glass and plastic bottles, office paper).

Normalizing Basis:

Number of production hours

Normalizing Basis Notes:

We experienced a decrease in production in 2005, but an increase back to 2004 levels in 2006.

	Baseline	Year 1	Year 2	Year 3
Year	2004	2005	2006	
Actual Quantity	68,600	66,558	75,622	
Normalizing Ratio	1	.93	1	
Normalized Quantity	68600	71567.742	75622	

Units:

tons

Cost Savings:

\$ 9,800

Additional Cost Savings Information:

Cost savings are for 2005 and 2006, and are a result of finding a buyer for HDPE plastic manufacturing scraps, and ensuring that all aluminum is being separated and recycled.

CATEGORY:

Water Discharges

INDICATOR:

Toxics

Additional Information on Indicator:

We are reporting on discharges of 1,4 dichlorobenzene, our only water

Normalizing Basis: discharge categorized as toxic.
 Normalizing Basis Notes: Number of production hours
 We experienced a decrease in production in 2005, but an increase back to 2004 levels in 2006.

	Baseline	Year 1	Year 2	Year 3
Year	2004	2005	2006	
Actual Quantity	300	277	270	
Normalizing Ratio	1	.93	1	
Normalized Quantity	300	297.849	270	

Units: lbs
 Cost Savings: \$ 0
 Additional Cost Savings Information:

EMS & ENVIRONMENTAL PERFORMANCE UPDATE

EMS Development Progress: We conducted an EMS self-assessment in February 2006 and again in February 2007, including a revision to our significant aspects list. We conducted additional staff training aimed at increasing recycling. We also posted EHS policy reminders throughout the plant.

Comments Related to Compliance Issues: We had a one-month spike in discharges of 1,4 dichlorobenzene in April 2006, due to equipment failure. We promptly corrected the issue and disclosed to DEQ. Levels in May 2006 were back to normal, and decreased overall for the year (see commitment 3).

ADDITIONAL INFORMATION

Awards and Recognition: Our local government gave us a Good Environmental Citizen award for our efforts to curb GHG emissions, and for our involvement in community environmental projects (e.g., riverbank cleanup, community hazardous waste dropoffs).

Outreach to the Public: We are involved in community environmental projects (see above). In addition, we post our EMS policy and a copy of our VEEP reporting on our website. Twice a year, we hold an environmentally-focused open house for community members, where we explain

our environmental initiatives and answer questions on our operations.

Best Practices:

1) We formed department-level Environmental Teams to help inform EMS policies and procedures. 2) New material reviews identify all EHS issues prior to purchase of a new chemical or material. 3_ We aggressively pursue outlets that will take scrap plastics and aluminum from our production processes, resulting in little disposal of these materials.

Others:

SUBMITTAL

Initials:

JD

Date:

04/01/2007

For assistance, please contact Keith Boisvert at (804)698-4225 or at kaboisvert@deq.virginia.gov